Tabitha is working on a new spell. The recipe says that the spell needs **10 legs** in total, which can be made up of different creatures.

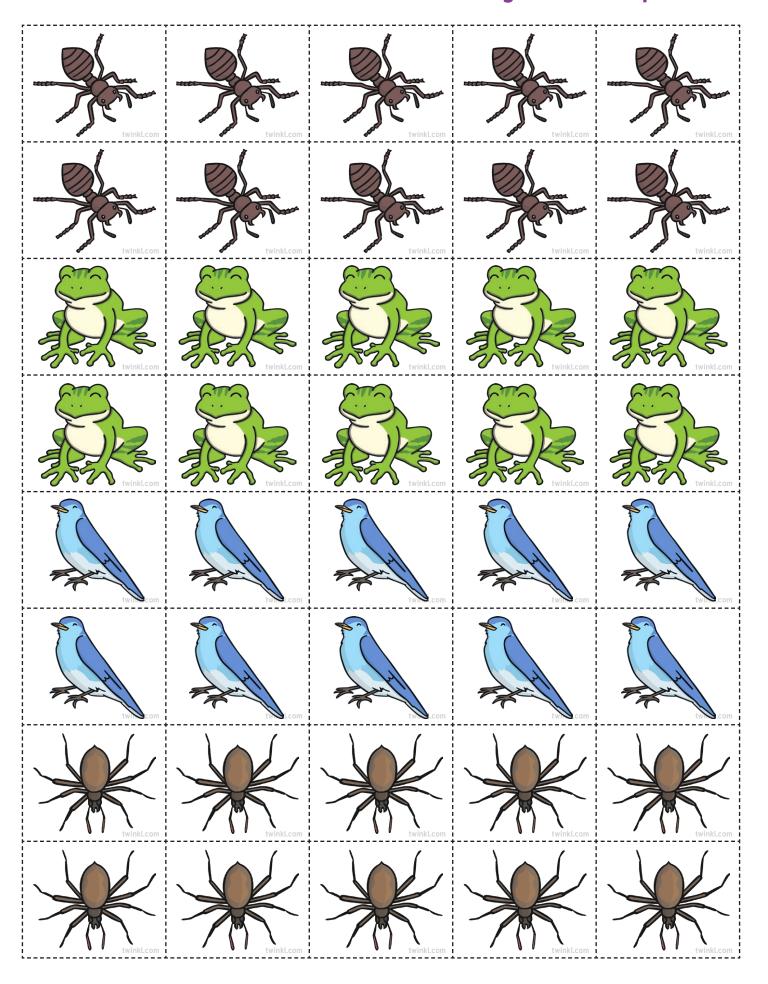
Which creatures could Tabitha put in her cauldron?

How many different ways can you find to solve the problem?

Cut out the pictures to help you.







## **Answers**

```
spider + bird

ant + frog

ant + bird + bird

frog + frog + bird

frog + bird + bird + bird

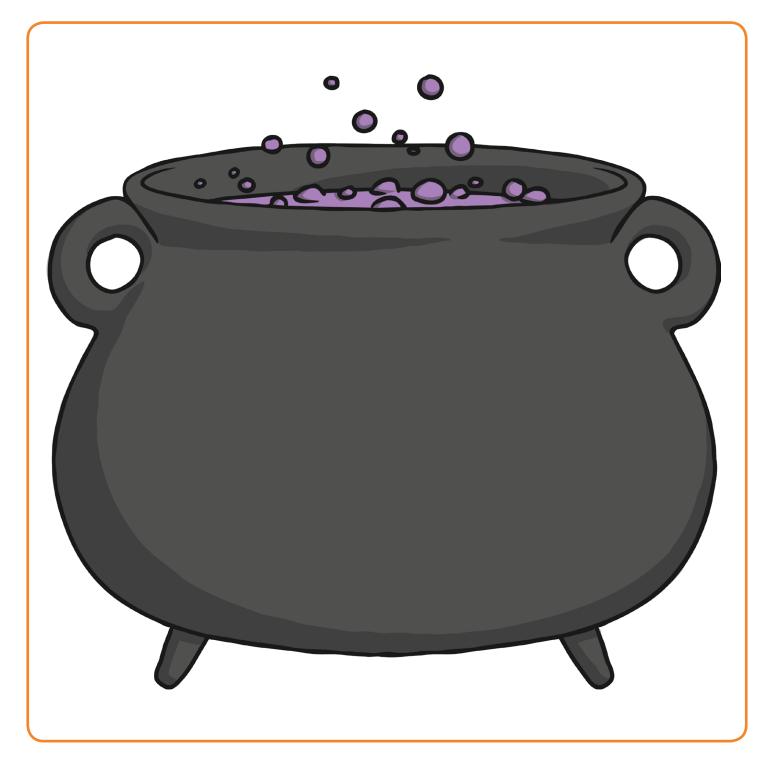
bird + bird + bird + bird
```



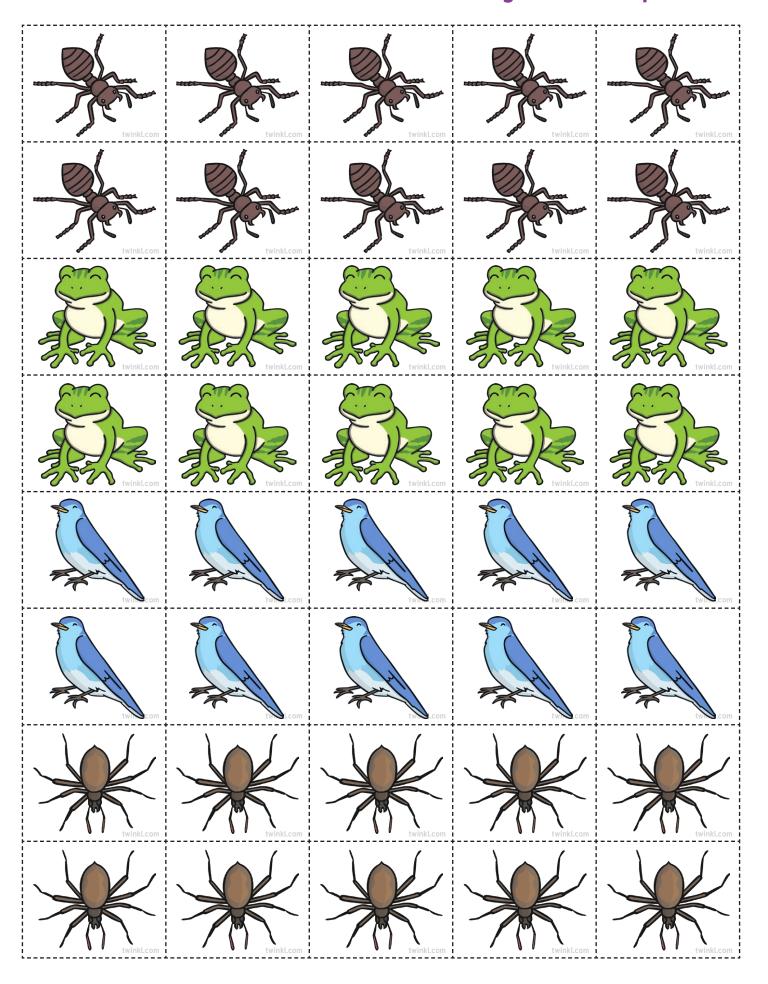
Tabitha is working on a new spell. The recipe says that the spell needs **20 legs** in total, which can be made up of different creatures.

Which creatures could Tabitha put into the spell?

How many different ways can you find to solve the problem?







## **Answers**

```
spider + spider + froq
spider + spider + bird + bird
spider + ant + ant
spider + ant + frog + bird
spider + ant + bird + bird + bird
spider + frog + frog + frog
spider + frog + frog + bird + bird
spider + froq + bird + bird + bird + bird
spider + bird + bird + bird + bird + bird + bird
ant + ant + ant + bird
ant + ant + frog + frog
ant + ant + froq + bird + bird
ant + ant + bird + bird + bird + bird
ant + bird + bird + bird + bird + bird + bird + bird
frog + frog + frog + frog + frog
frog + frog + frog + bird + bird
frog + frog + frog + bird + bird + bird + bird
frog + frog + bird + bird + bird + bird + bird + bird
frog + bird + bird + bird + bird + bird + bird + bird
bird + bird
```

Tabitha is working on a new spell. The recipe says that the spell needs **16 legs** in total, which can be made up of different creatures.

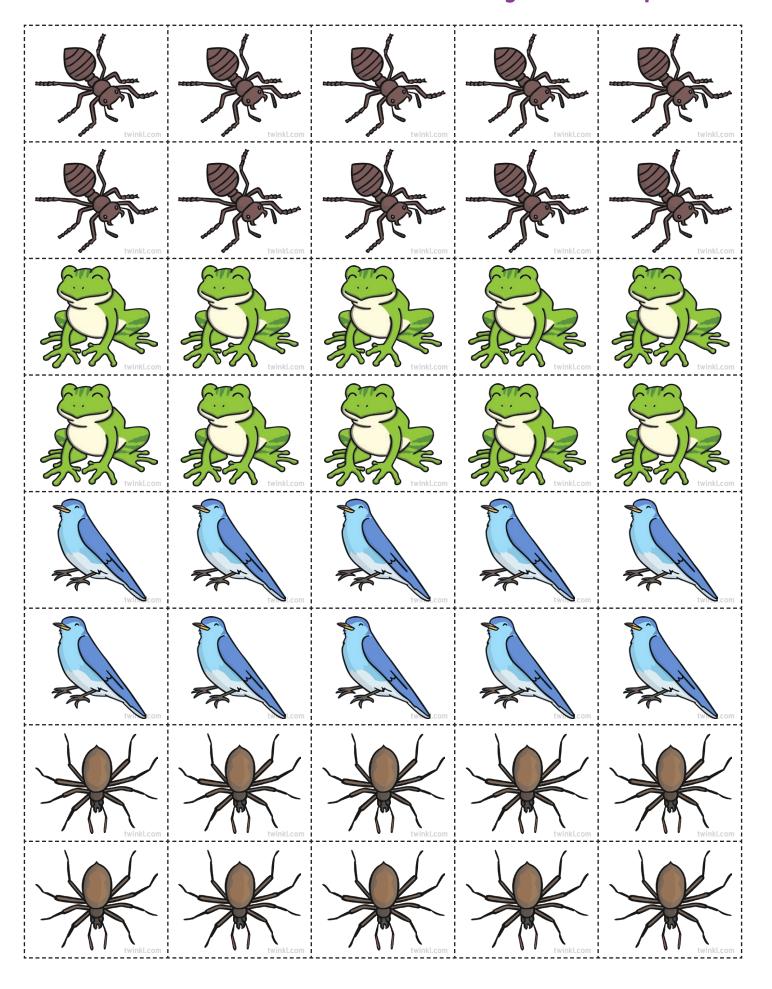
Which creatures could Tabitha put into the spell?

How many different ways can you find to solve the problem?

Can you spot any patterns? Can you work in a systematic way?







## **Answers**

```
spider + spider
spider + ant + bird
spider + frog + frog
spider + frog + bird + bird
spider + bird + bird + bird + bird
ant + ant + froq
ant + ant + bird + bird
ant + froq + froq + bird
ant + frog + bird + bird + bird
ant + bird + bird + bird + bird + bird
frog + frog + frog + frog
frog + frog + frog + bird + bird
frog + frog + bird + bird + bird + bird
frog + bird + bird + bird + bird + bird + bird
bird + bird
```